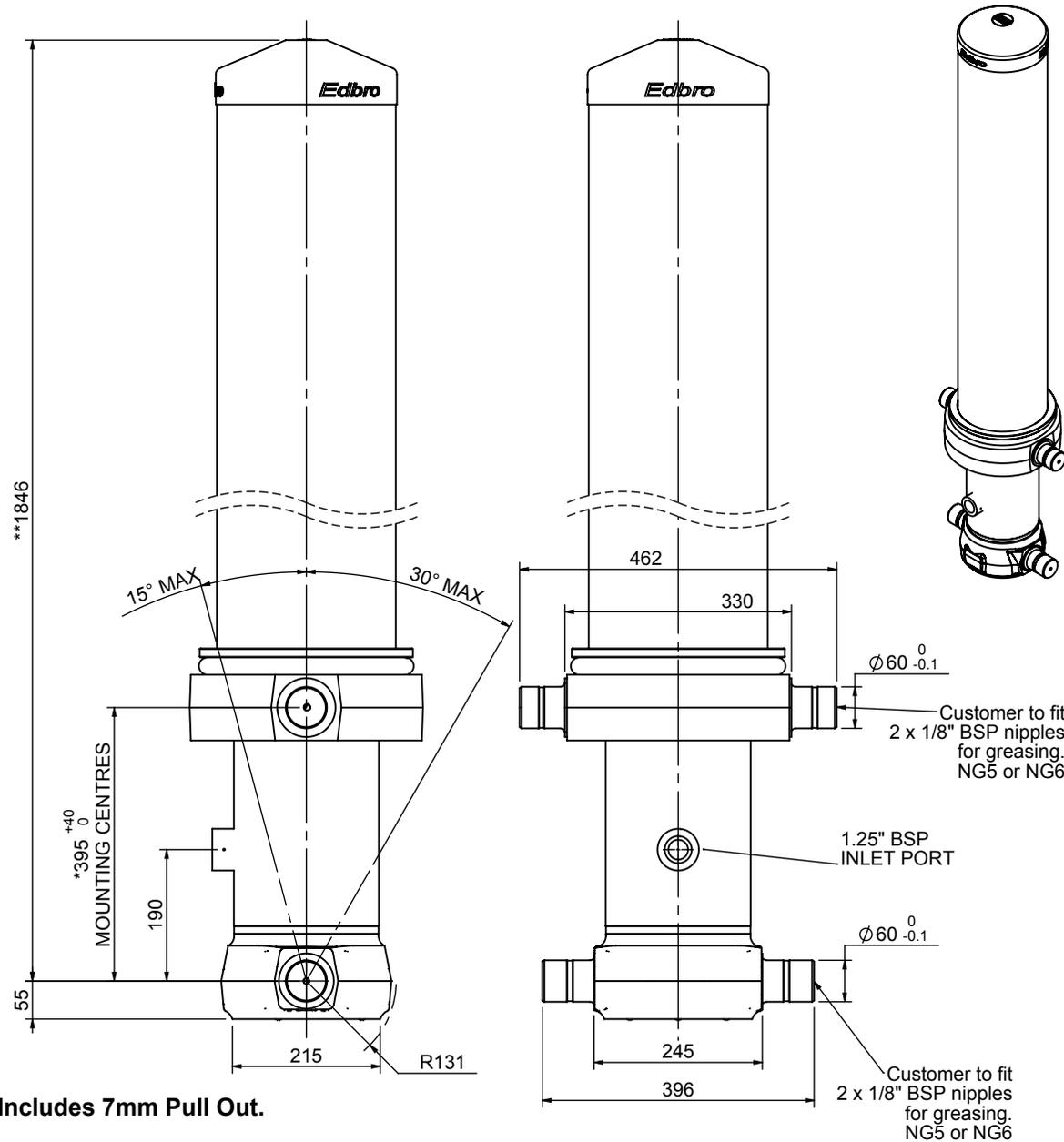


Cylinder 5 stage front end with outer cover

** ALLOW 50mm TO REMOVE CAP FOR SERVICING



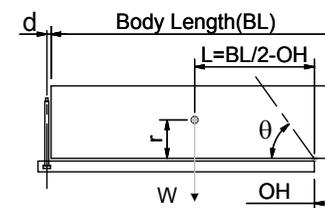
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SPECIFICATION

TIPPING CAPACITY : 34-45 TONNES***

| Stage | Diameter | Length | Stroke | Swept Volume |
|-------------------------|----------|-------------------------|--------|--------------|
| OUTER COVER | 261 | 1415 | - | - |
| 0 | 211 | 1775 | - | - |
| 1 | 188 | 1740 | 1520 | 42 |
| 2 | 167 | 1740 | 1537 | 34 |
| 3 | 147 | 1740 | 1547 | 26 |
| 4 | 127 | 1740 | 1562 | 20 |
| 5 | 105 | 1740 | 1567 | 14 |
| Total (+5/-10) | | | 7733 | 136 |
| Final stroke reduced by | 0 | Priming Volume | | 25.1 |
| Cylinder Mass (Kg) | 368 | Total Volume (Litres) | | 161.1 |
| Maximum Pressure (Bar) | 190 | Max. first stage thrust | | 200 KN |

***TIPPING CAPACITY AT WORKING PRESSURE



| BODY LENGTH (BL) | | | | | | OH |
|------------------|-----|------|-----|-------|-----|-----|
| 9000 | | 9500 | | 10000 | | |
| 37 | 51° | 35 | 48° | 34 | 45° | 150 |
| 41 | 53° | 38 | 49° | 36 | 47° | 450 |
| 45 | 55° | 41 | 51° | 39 | 48° | 750 |

d = 229; r = 900; Working Pressure 135 bar

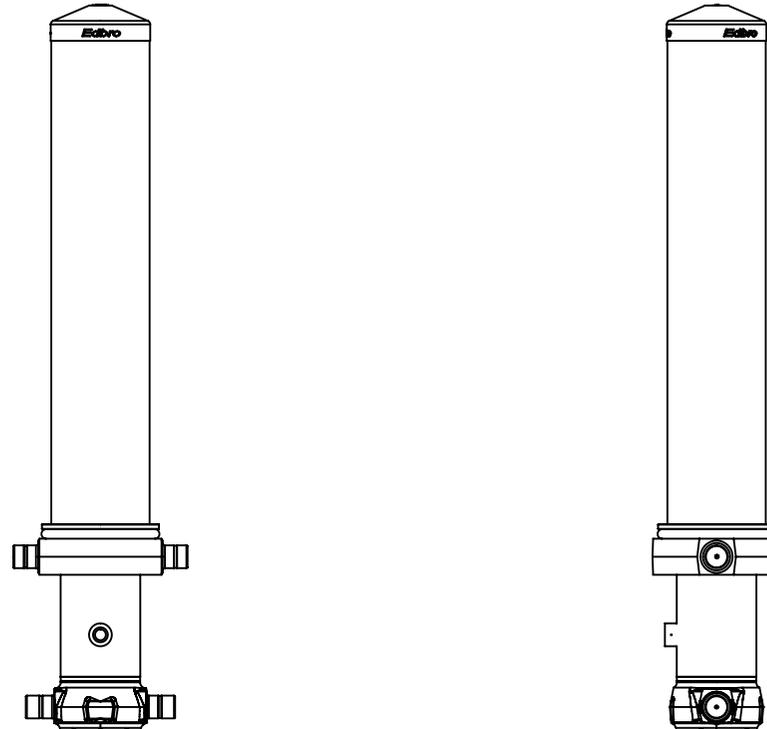
Tipping angle (theta)
Body + payload mass, W (tonne)

For guidance only;

Higher working pressures and tipping capacities may be possible.
To check your application email - applications@edbro.co.uk

NOTES

1. This cylinder is for lifting purposes only and side load conditions should be avoided
2. Cylinder is painted in primer paint to RAL5013
3. Refer to www.edbro.com for;-
 - Bracket details
 - Installation instructions that must be observed
 - Correct oil selection
 - An explanation of tipping capacity



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